



TYRRELL COUNTY

COMPREHENSIVE TRANSPORTATION PLAN COMMITTEE MEETING

Date: February 28, 2011

Time: 2:00 pm

Location: Water St, Columbia, NC



TABLE OF CONTENTS

MEETING AGENDA.....	5
CTP PRESENTATION.....	7
HIGHWAY FACILITY CLASSIFICATIONS.....	11
SAMPLE ADOPTION MAP.....	12
SAMPLE HIGHWAY MAP.....	13
SAMPLE RAIL/TRANSIT MAP.....	14
SAMPLE BICYCLE MAP.....	15
SAMPLE PEDESTRIAN MAP.....	16
EXAMPLE VISION & GOALS STATEMENT.....	17
EXAMPLE PUBLIC ONLINE SURVEY.....	19
EXAMPLE PUBLIC PAPER SURVEY.....	22

AGENDA – MEETING
TYRRELL COUNTY COMPREHENSIVE TRANSPORTATION PLAN
COMMITTEE
2:00 PM
MONDAY – FEBRUARY 28, 2011

A. INTRODUCTIONS

B. COMMITTEE UPDATE

1. Status of Committee members to be added
2. Discuss regular meeting time

C. CTP PRESENTATION

1. NCDOT Presentation - CTP Process/Review

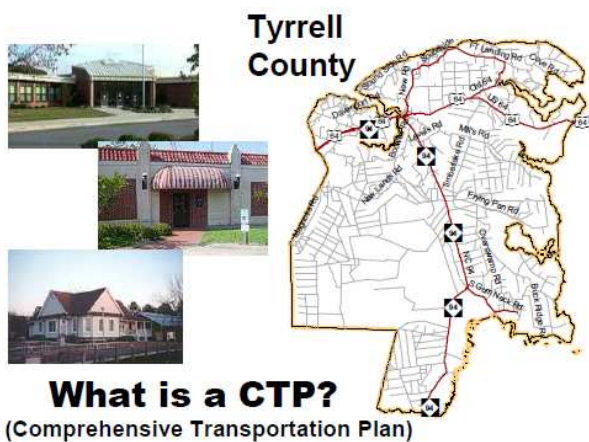
D. DISCUSSION OF ROADWAYS AND OTHER FACILITIES TO STUDY

1. Evaluate roadway map
2. General input regarding roads and modes of travel for study

E. NEXT MEETING

1. Vision and Goals Statement
2. Public Survey

F. ADJOURN



What is a CTP? (Comprehensive Transportation Plan)

- A long-range, multi-modal transportation plan
- Developed cooperatively with NCDOT, the Albemarle Rural Planning Organization (RPO), and representatives from the county and its municipalities
- Incorporates local interests, community goals, and statewide needs in one common plan
- Comes at no cost to the county
- Not maintenance related



What is a CTP? (Comprehensive Transportation Plan)

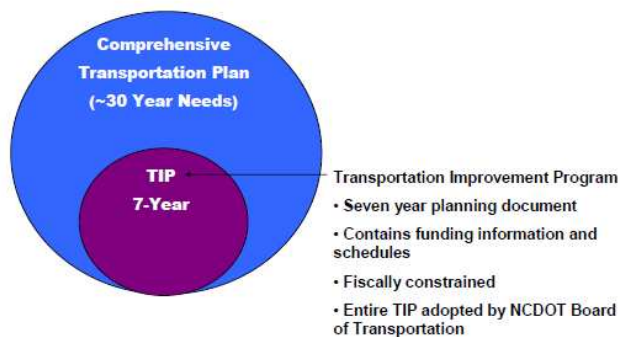
- Adopted/endorsed at 3 levels – local (county/municipalities), regional (MPO/RPO), and state (NCDOT)
 - Board of Transportation mutually adopts the CTP, making it the ultimate plan for guiding future transportation decisions – see GS 136-66.2
- Time frame of 18-24 months
- CTP recommendations are concepts and still requires an environmental analysis, design and safety standards



Updated Long Range Planning Process



Relationship Between Plans



Components of a CTP

- Adoption Sheet
- Maps
 - Highway
 - Public Transportation and Rail
 - Bicycle
 - Pedestrian

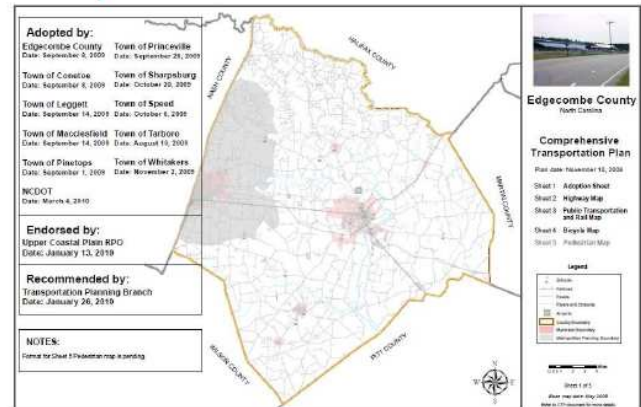


Components of a CTP

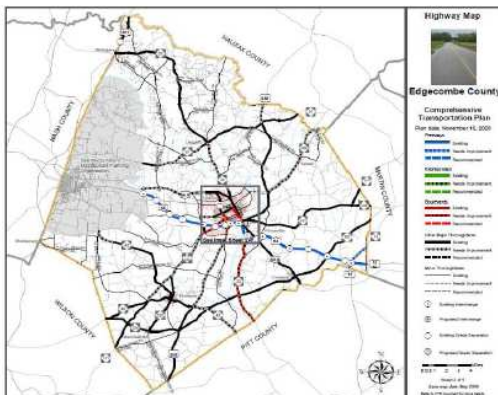
- Recommendations
 - For each mode
 - All roads from the Modeled Roadways network are studied
 - Existing, Needs Improvement, Recommended
 - Highway categories broken down further:
 - Freeways, Expressways, Boulevards, Other Major Thoroughfares, Minor Thoroughfares



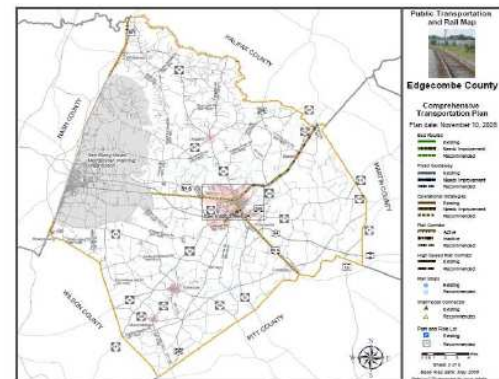
Adoption Sheet



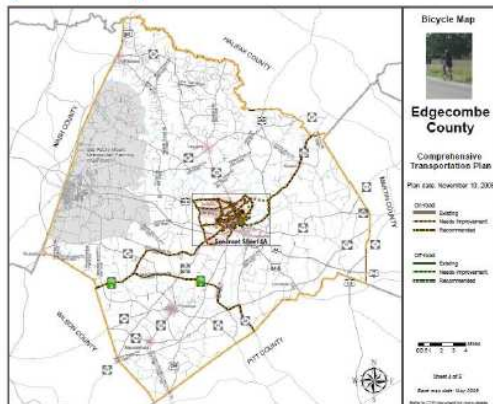
Highway Map



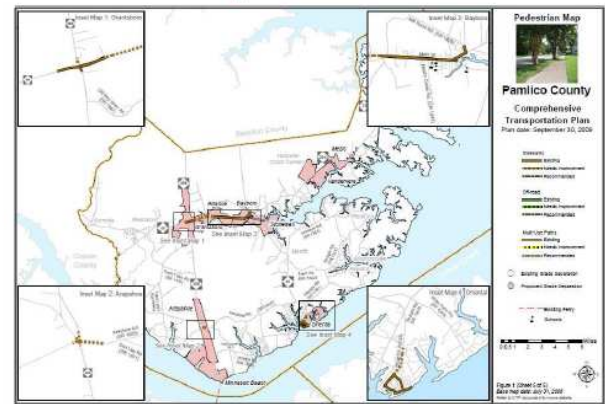
Public Transportation and Rail Map



Bicycle Map



Pedestrian Map

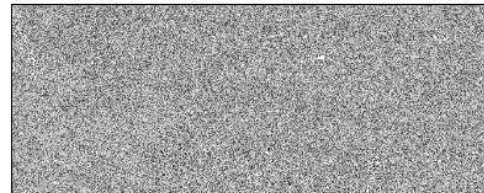


Benefits of a CTP

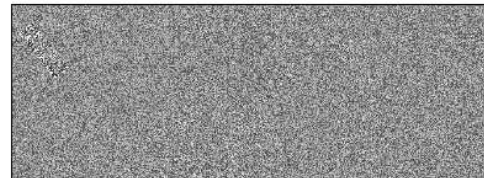
- Data and projections are in place to support projects
- Incorporates local priorities and input, community goals, and statewide goals
 - County and towns are updated multiple times throughout the process
 - Input from all parties provides the best chance for a plan that can satisfy everybody's goals
- Anticipates and addresses future traffic demand
- Well-informed public
- Corridor protection for future growth needs



Corridor Protection



Benjamin Parkway (Greensboro) protected corridor in 1981



Benjamin Parkway after construction in 1990

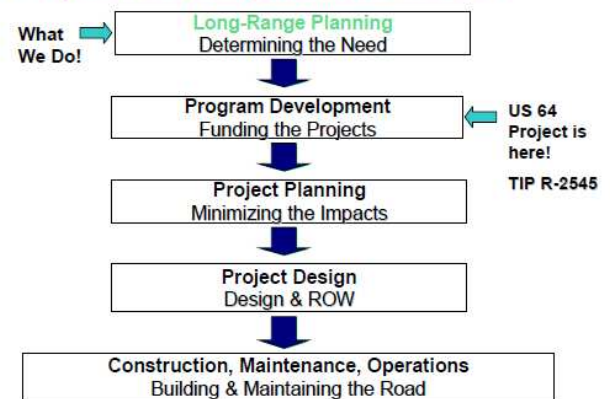
US 64

- TIP (R-2545, R-2545AA, R-2545AB)
- Currently in the development process and taking comments on the alternatives
- Preferred alternative will be selected Summer 2011
- Designed to be a 4 lane expressway with a median
- ROW (Right of Way) will be obtained in 2016
- Construction starting in 2018

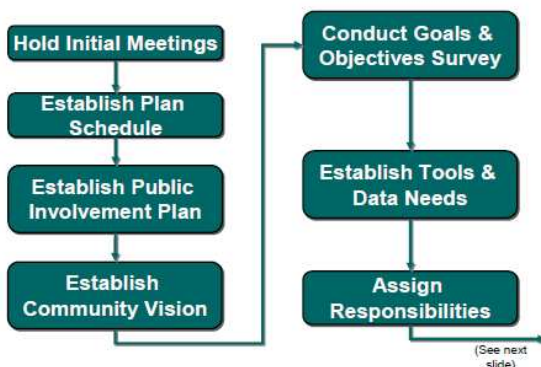
If you have any questions, please contact:
Ted Devens
tedevens@ncdot.gov



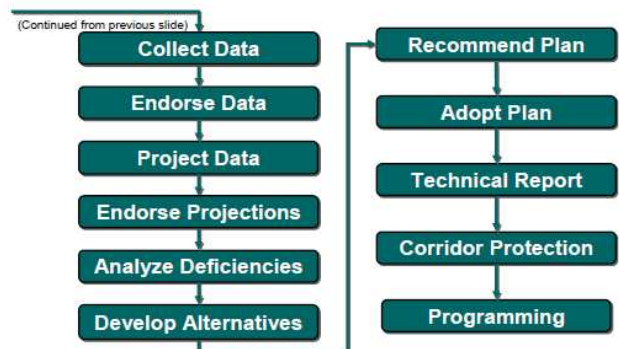
Project Development Process



Transportation Planning Process



Transportation Planning Process



More Info / Contact Info

Tyrrell County CTP Website:

<http://www.ncdot.gov/doh/preconstruct/tpb/planning/tyrrellco.html>

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More info at www.ncdot.org/~tpb

Highway Facility Classifications

5 Classifications

- Freeway
- Expressway
- Boulevard
- Other Major and Minor Thoroughfares



Based on the following features:

- Speed Limit
- Medians
- Access
- Traffic Signals

Freeway Facility



US 74 Near Waynesville



US 264 East of I-95

- **Purpose:** High Mobility, Low Access
- **Speed Limit:** 55mph or greater
- **Cross Section:** Minimum 4 Lanes with a Median
- **Connections:** Provided only at Interchanges; All Cross Streets are Grade-Separated
- **Driveways:** Not Allowed
- **Traffic signals:** Not Allowed
- **Examples:** I-40, I-95, US 64 from Rocky Mount to Williamston, US 1 from Raleigh to Sanford

Expressway Facility



US 221 (Marion Bypass)



US 220 in Rockingham County

- **Purpose:** High mobility, Low to Moderate Access
- **Speed Limit:** 45 to 60 mph
- **Cross section:** Minimum 4 Lanes with a Median
- **Connections:** Provided only at Interchanges (Major Cross Streets) and At-Grade Intersections (Minor Cross Streets)
- **Driveways:** Limited in Location and Number, Right-in/Right-out only
- **Traffic Signals:** Not Allowed
- **Examples:** US 117 north of I-40, US 74 just east of I-277 in Charlotte, US 221 (Marion Bypass), US 64 in Apex

Boulevard Facility



US 70 East of Goldsboro



Cary Parkway

- **Purpose:** Moderate Mobility, Low to Moderate Access
- **Speed Limit:** 30 to 55mph
- **Cross section:** Minimum 2 Lanes with Median
- **Connections:** At-Grade Intersections for most Major and Minor Cross Streets
- **Driveways:** Allowed – Primarily Right-in/Right-out; Consolidation and Sharing Access is encouraged
- **Traffic Signals:** Allowed
- **Examples:** US 1 (Capital Boulevard) in Raleigh, NC 55 (Holly Springs Bypass), US 70 from Clayton to Garner

Major/Minor Thoroughfares



US 441 South of Dillsboro



US 13 North of Ahoskie

- **Purpose:** Moderate to Low Mobility, High Access
- **Speed Limit:** 25 to 55mph
- **Cross section:** Minimum 2 Lanes; No Median; Includes All Facilities with a Two Way Left Turn Lane
- **Connections:** are at-grade intersections
- **Driveways:** Allowed with Full Movements; Consolidate or Share Access when possible
- **Traffic Signals:** allowed
- **Examples:** NC 86 north of Hillsborough, US 64 in Siler City, US 70 in Kinston, NC 168 in Currituck County

Adopted by:

Pamlico County
Date: November 2, 2009

Town of Alliance
Date: October 12, 2009

Town of Arapahoe
Date: June 3, 2010

Town of Bayboro
Date: October 20, 2009

Town of Minnesott Beach
Date: November 10, 2009

Town of Oriental
Date: October 6, 2009

Town of Vandemere
Date: October 19, 2009

NC Department of Transportation
Date: March 4, 2010

Endorsed by: Olympia
Down East RPO
Date: December 1, 2009

Recommended by:

Transportation Planning Branch
Date: January 28, 2010

Adoption Sheet



Pamlico County

North Carolina

Comprehensive Transportation Plan

Plan date: September 30, 2009

Sheet 1	Adoption Sheet
Sheet 2	Highway Map
Sheet 3	Public Transportation and Rail Map
Sheet 4	Bicycle Map
Sheet 5	Pedestrian Map

Legend

- Pamlico Roads
- County Boundary
- Rivers and Streams
- Town Boundary
- Existing Ferry

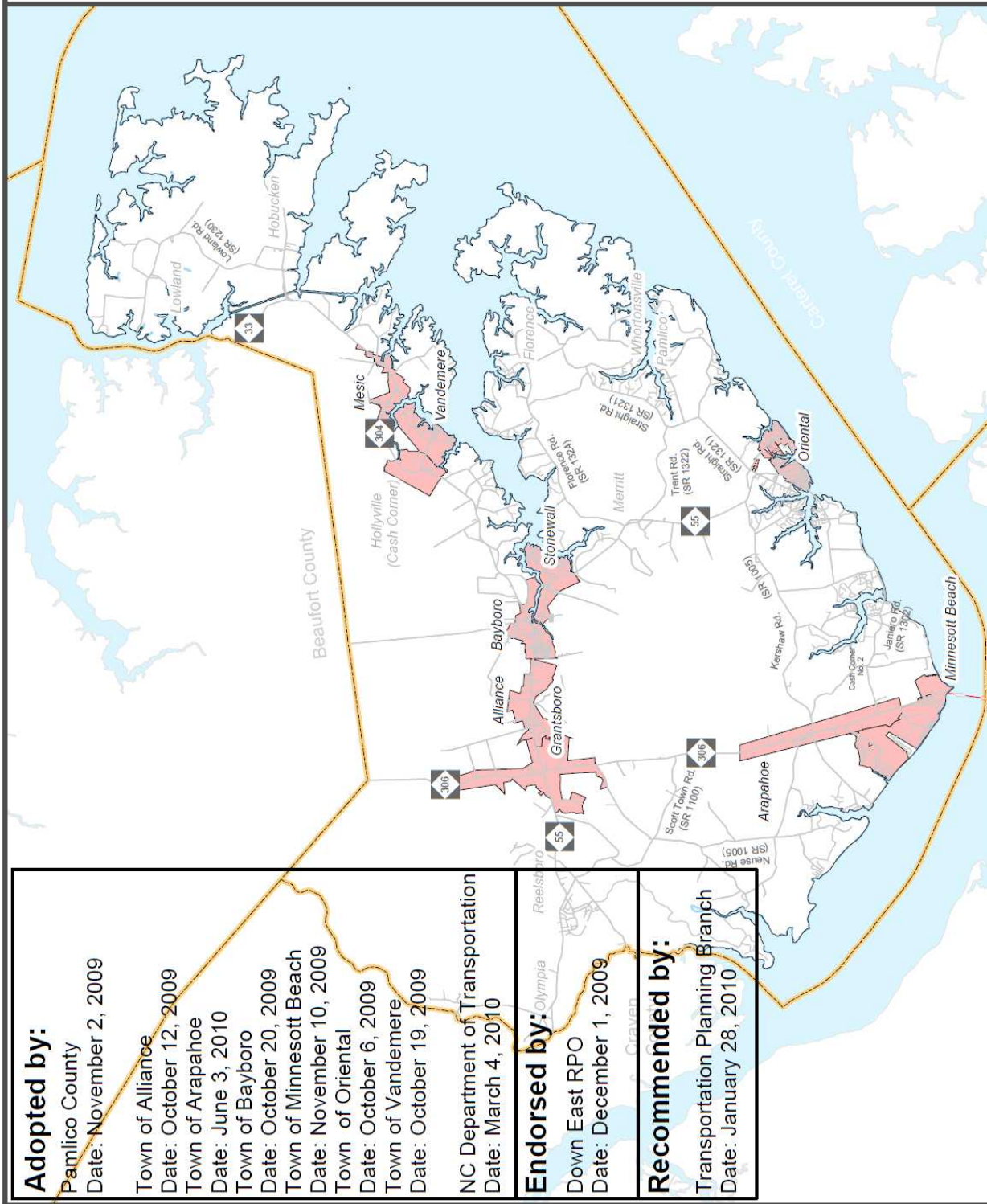
0 0.5 1 2 3 4 5 6
Miles



Figure 1 (Sheet 1 of 5)

Base map date: July 31, 2008

Refer to CTP document for more details



Highway Map



Pamlico County

Comprehensive

Transportation Plan

Plan date: September 30, 2009

Freeways

- Existing
- Needs Improvement
- Recommended

Expressways

- Existing
- Needs Improvement
- Recommended

Boulevards

- Existing
- Needs Improvement
- Recommended

Other Major Thoroughfares

- Existing
- Needs Improvement
- Recommended

Minor Thoroughfares

- Existing
- Needs Improvement
- Recommended

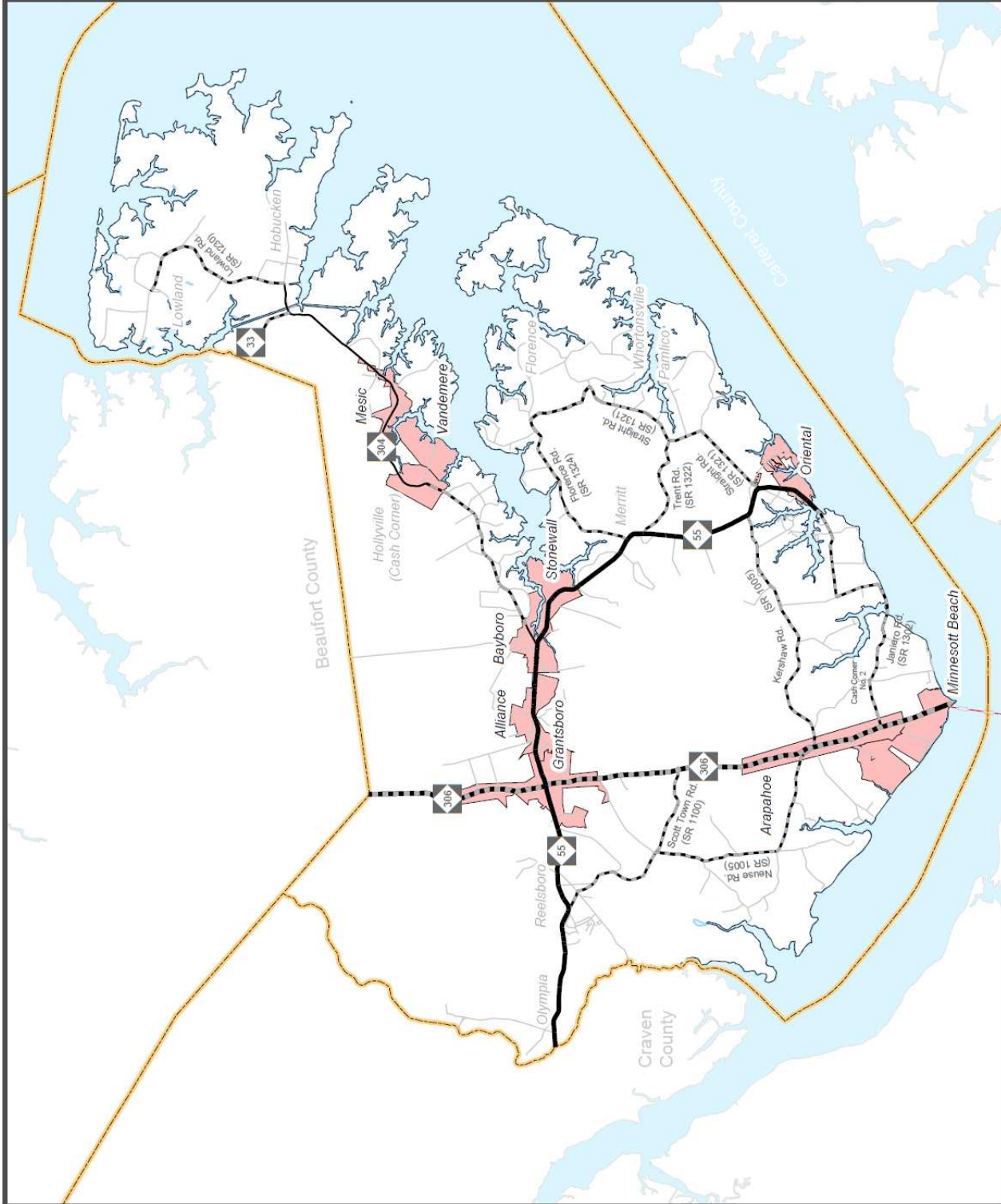
- Existing Interchange
- Proposed Interchange
- Existing Grade Separation
- Proposed Grade Separation

- Existing Ferry

0.0 0.5 1 2 3 4 5 6 Miles



Figure 1 (Sheet 2 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



A white Blue Bird van is parked on a paved street. The van has 'Blue Bird' written on its side in blue lettering. It is a box-style van with a large front windshield and side windows. The background shows a clear blue sky and some green foliage.

Comprehensive Transportation Plan

Plan date: September 30, 2009

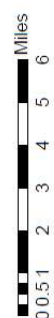
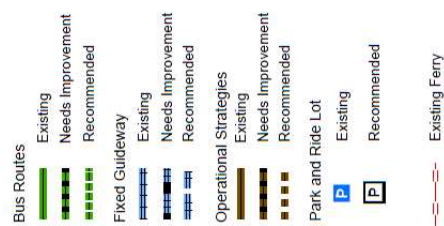
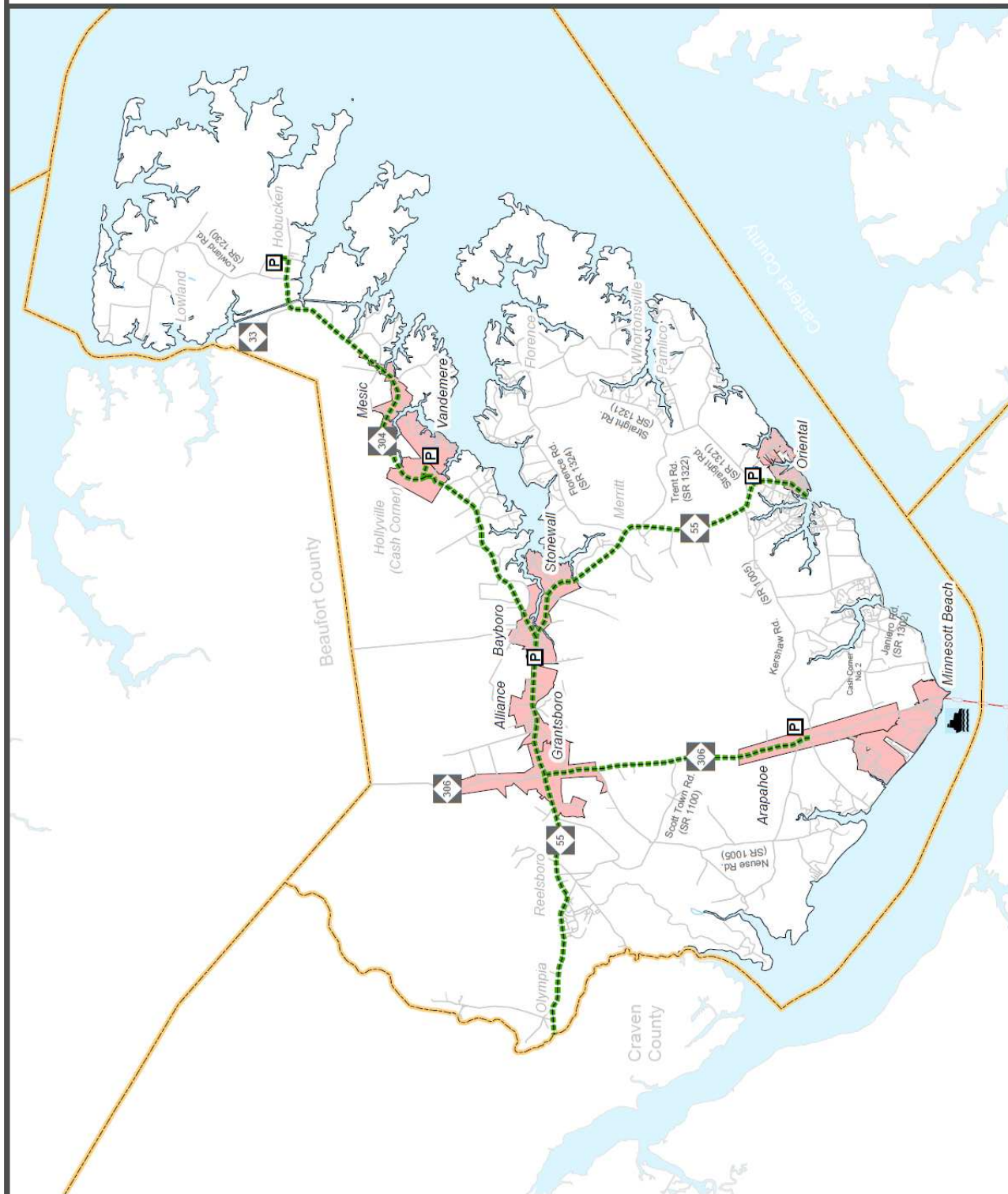


Figure 1 (Sheet 3 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details.



Bicycle Map



Pamlico County

Comprehensive Transportation Plan

Plan date: September 30, 2009

On-road
 Existing
 Needs Improvement
 Recommended

Off-road
 Existing
 Needs Improvement
 Recommended

Multi-Use Paths
 Existing
 Needs Improvement
 Recommended

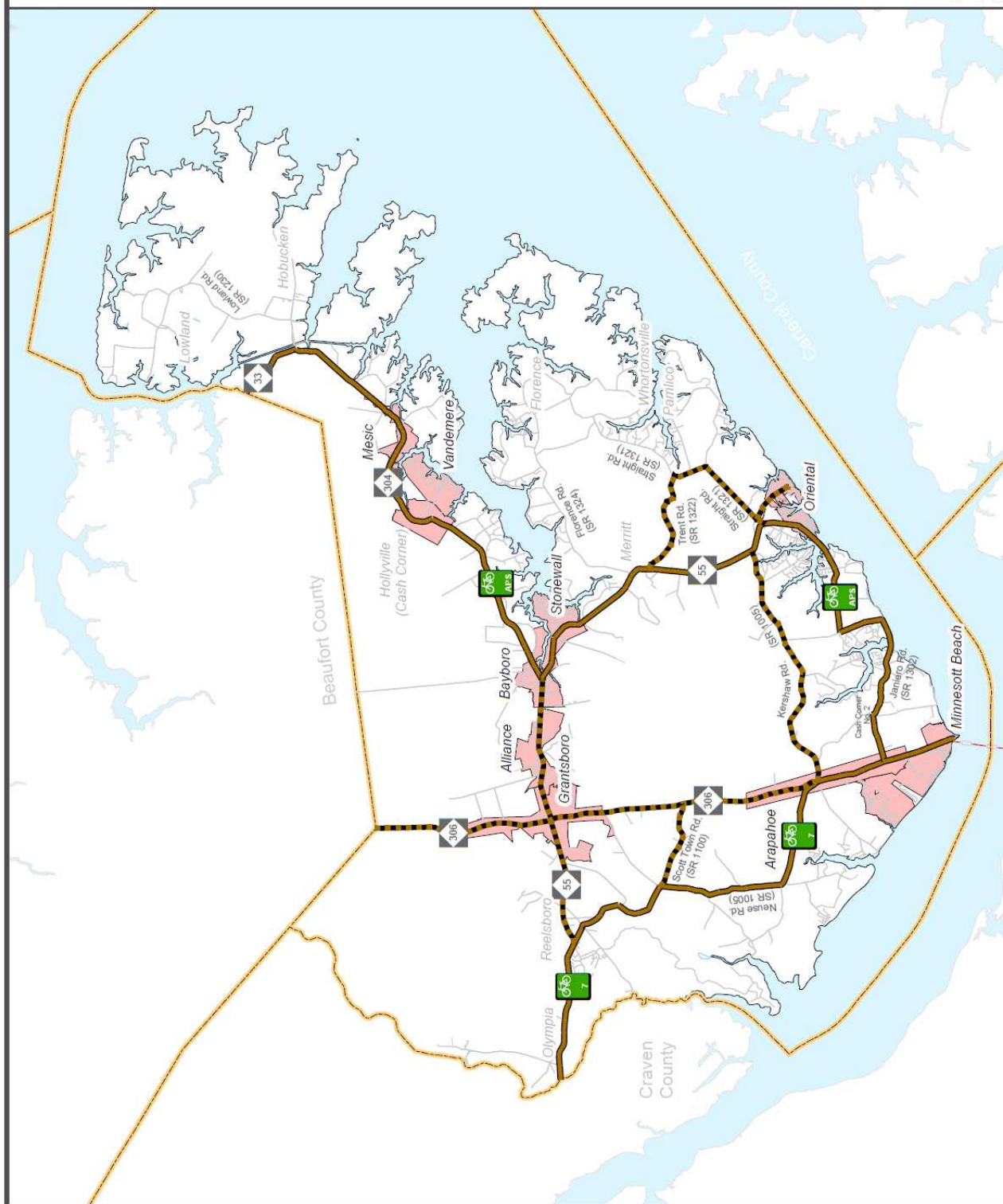
Existing Grade Separation
 Proposed Grade Separation

Existing Ferry

0 0.5 1 2 3 4 5 6
 Miles



Figure 1 (Sheet 4 of 5)
 Base map date: July 31, 2008
 Refer to CTP document for more details



Pedestrian Map



Pamlico County

Comprehensive Transportation Plan

Plan date: September 30, 2009

- Sidewalks**
 - Existing
 - Needs Improvement
 - Recommended
- Off-road**
 - Existing
 - Needs Improvement
 - Recommended
- Multi-Use Paths**
 - Existing
 - Needs Improvement
 - Recommended
- Existing Grade Separation**
- Proposed Grade Separation**
- Existing Ferry**
- Schools**

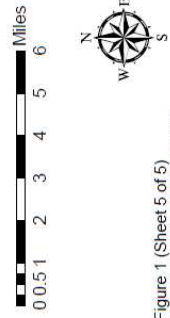
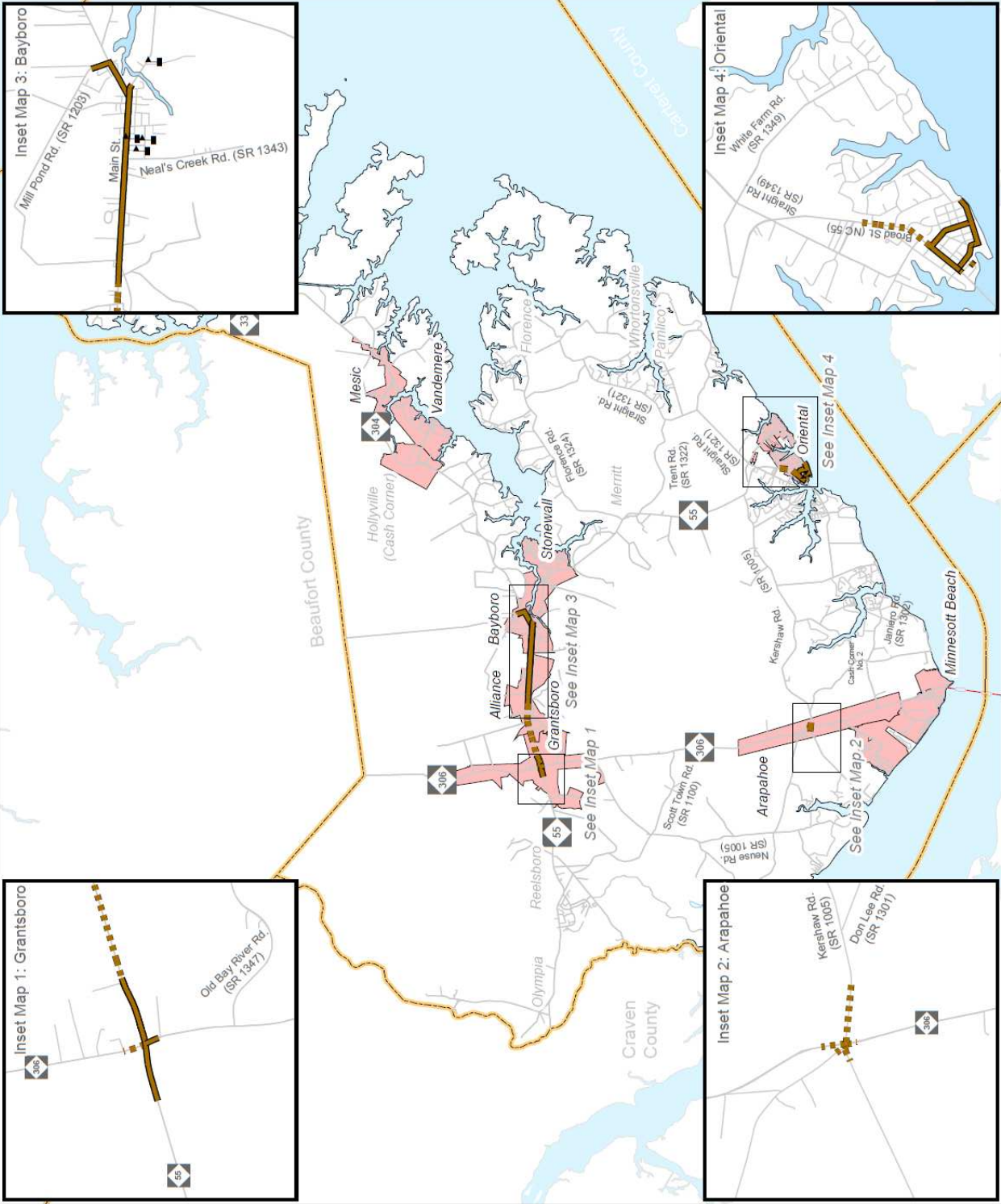


Figure 1 (Sheet 5 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Tyrrell County Comprehensive Transportation Plan

Vision & Goals

Vision

To provide a safe, reliable, efficient, and integrated multimodal transportation system that improves the quality of life in Tyrrell County and encourages sustainable economic development and connectivity that is compatible with environmental and land use patterns.

Goals

1. Ensure the integrity of the existing transportation system by encouraging planned and strategic development.
2. Provide a means of identifying and prioritizing transportation system needs on a local and regional scale.
3. Promote roadways that allow and encourage alternative modes of transportation such as walking and biking.
4. Educate the public on general transportation issues as well as alternative forms of transportation.
5. Encourage identification and consideration of sustainable practices and environment sensitivity.
6. Preserve right of way construction of future transportation facilities.
7. Create better connectivity and mobility throughout the county.
8. Preserve the rural character of the county while accommodating growth to targeted areas.

Tyrrell County Comprehensive Transportation Plan Survey



Dear Tyrrell County Resident:

We need YOUR input!

Tyrrell County, the NC Department of Transportation and partners are working to develop a Comprehensive Transportation Plan for Tyrrell County. It will recommend improvements for highways, public transportation, and bicycle and pedestrian facilities over the next 25 to 30 years. Though it may take some time to fund these projects, we need your help in deciding which projects you feel should be a priority.

A key part of both the plan and the information gathering process is citizen input. We are asking for a few minutes of your time to complete a survey so that your opinion can be heard. The final plan, a Comprehensive Transportation Plan, will provide a 'road map' for a sustainable future in Tyrrell County.

Please take a few minutes to fill out this survey and reply by INSERT DATE. All answers are ANONYMOUS and will only be used for the purpose of public input for this plan.

Thank you for your participation! The survey results will be available on DATE, located on the Tyrrell County Planning Department website. Please call Lauren Nicholls at 919.733.4705 ext. 28 or email her at lnnicholls@ncdot.gov with any questions or if you wish to receive more information about this transportation plan.

Sincerely,

Tyrrell County
Albemarle Planning Organization
North Carolina Department of Transportation - Transportation Planning Branch

Tyrrell County Comprehensive Transportation Plan Survey

1. How many people live in your household?

☐ 1☐ 2☐ 3☐ 4☐ 5 or more

2. How many licensed drivers are in your household?

☐ 1☐ 2☐ 3☐ 4☐ 5 or more

3. How many operational automobiles area in your household?

☐ 1☐ 2☐ 3☐ 4☐ 5 or more

Other (please specify)

4. Do you live in Tyrrell County?

☐ Yes☐ No

What is your zip code?

5. Are there areas where you would like to see sidewalks constructed or improved?

☐ Yes☐ No

If yes, where:

6. Would you use on-road bike lanes and/or wide shoulders?

☐ Yes☐ No

If yes, where:

7. Would you use off-road trails or greenways for walking, running and/or bicycling?

☐ Yes☐ No

If yes, where:

8. Are there areas where you would like to have access improved?

☐ No

☐ Yes

If yes, where:

9. Please rate the importance of each goal.

	High	Medium	Low	Very Low
More Transportation Choices (More ways to get to places - buses sidewalks, trains, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faster Travel Times (High speed roads with more lanes and fewer intersections.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economic Growth (New and improved roads and railways to attract and expand business.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased Public Transit Options (Bus service to more destinations, park-n-ride lots, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community and Rural Culture Preservation (Keep business downtown, protect existing neighborhoods, preserve landscape.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental Protection (Protect wetlands, streams and wildlife. Reduce air pollution and noise.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Care for Special Needs Citizens (Better transportation for elderly, low-income, and disabled residents.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved Access (Better connections to employment, schools, and services.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. What do you consider to be the most significant transportation issue in Tyrrell County?

11. How did you find out about the survey?

12. If you wish to stay informed during the Tyrrell County Comprehensive Transportation Plan, please provide your email address (your information will remain confidential):

This is a survey of Tyrrell County and North Carolina Department of Transportation (NCDOT). It will be used to help design a *Transportation Plan* for the town and surrounding area and help us understand the transportation needs of citizens.

The survey should take less than 5 minutes of your time. Your answers will be completely anonymous. If you have any questions about the survey, please contact us at lmnicholls@ncdot.gov or call 919-733-4705. **Thanks!**

Mail completed
survey to →

Steven Lambert – Albemarle Commission
512 S. Church St.
Hertford, NC 27944

Section One

1 2 3 4 5 or more

- 1 How many people live in your household? ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 or more
- 2 How many licensed drivers are in your household? ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 or more
- 3 How many operational automobiles are in your household? ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 or more
- 4 Do you live in Tyrrell County? Yes ☐ No ☐ What is your zip code? _____

Section Two

- 5 Are there areas where you would like to see sidewalks constructed or improved? Yes ☐ If yes where? → No ☐
- 6 Would you use on-road bike lanes and/or wide shoulders? ☐ If yes where? → ☐
- 7 Would you use off-road trails or greenways for walking, running and/or bicycling? ☐ If yes where? → ☐
- 8 Are there areas where you would like to have access improved? ☐ If yes where? → ☐

Section Three - Please rate the importance of each goal.

High Medium Low Very Low

- 9 More transportation choices
More ways to get to places - buses, sidewalks, trains, etc. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 10 Faster travel times
High speed roads with more lanes and fewer intersections. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 11 Economic Growth
New and improved roads and railways to attract and expand business. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 12 Increased Public Transit Options
Bus service to more destinations. Park-n-Ride lots for carpooling. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 13 Community and Rural Culture Preservation
Keep business downtown. Protect existing neighborhoods. Preserve landscape. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 14 Environmental Protection
Protect wetlands, streams and wildlife. Reduce air and noise pollution. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 15 Care for Special Needs Citizens
Better transportation for elderly, low-income, and disabled residents. ☐ High ☐ Medium ☐ Low ☐ Very Low
- 16 Improved Access
Better connections to employment, schools, and services. ☐ High ☐ Medium ☐ Low ☐ Very Low

Section Four

- 17 What do you consider to be the major transportation issue in Tyrrell County?

- 18 How did you find out about the survey? _____

- 19 If you would like to stay informed during the Tyrrell County Comprehensive Transportation Plan, please provide your email (your information will remain confidential): _____